

Application No.10/169,219
Amendment. dated June 13, 2005
Reply to Office Action of January 13, 2005

REMARKS

The applicant and his attorney have carefully reviewed the office action and submit that the claims as originally submitted, are patentable over the prior art without substantive amendment. Amendments of a formal nature suggested by the examiner are set forth above.

The prior art of record fails to show a permanent magnet generator with the unique cooling systems as set forth in the disclosure and claims. Specifically, there is no showing in the prior art of a cooling system which causes ambient air to transverse through the hollow shaft and out the fan structure mounted at the end of the shaft, without causing the cooling air to traverse and flow into the interior of the generator and thereby avoids damage to the sensitive permanent magnet structures.

Specifically, the Glauning reference intentionally discharges the cooling air through the interior of the generator directly infringing upon the winding heads 10 and then is cooled as it is guided through the air gap between the rotor and rotator. See Col. 4, lines 28-38.

In distinction, the applicant's device requires that the zone about the permanent magnets not have air flow to prevent damage to the permanent magnets.

The Staub et al. device is a water cooled motor having a liquid cooled rotor.

Neither prior art device uses ambient air as claimed herein, nor is either prior art device concerned with permanent magnets.

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Similarly, the Glauning device uses liquid coolant circulated from an internal combustion engine.

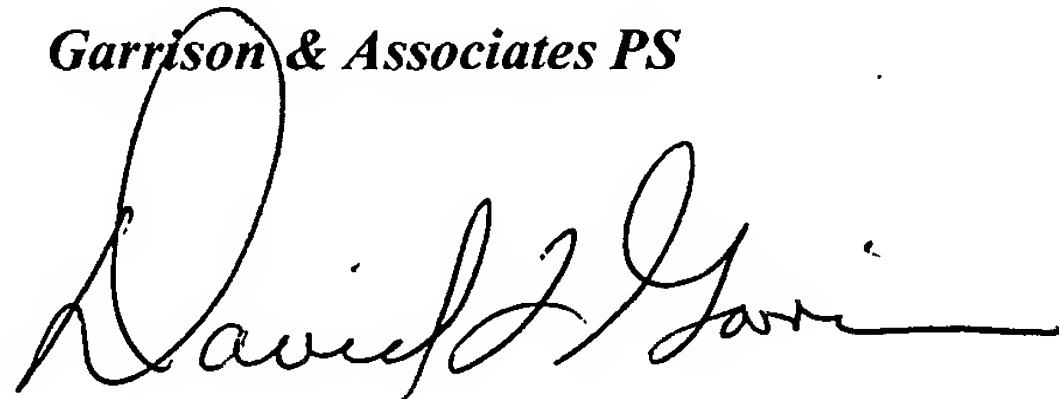
In view of the conceptual dissimilarities between the applicant's device and the prior art, taken simply or in combination, it is respectfully submitted that a patentable structure is set forth in the claims as filed.

It is believed that the claims comply fully with the Examiner's comments and favorable action in the form of a Notice of Allowance is respectfully urged.

Should the Examiner find that any matters remain for resolution, he is respectfully requested to contact the undersigned by telephone at (206) 441-3440.

Respectfully submitted,

Garrison & Associates PS

A handwritten signature in black ink, appearing to read "David L. Garrison". The signature is fluid and cursive, with a large initial "D" and "G".

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